| in | aex or | · Claims | 5 |
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|    |        |          |   |
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Application/Control No.

Applicant(s)/Patent under Reexamination

10/633,356

ROMEO ET AL.

Examiner

Art Unit

Ovidio Escalante

2614

| ✓  | Rejected |   | (Through numeral)<br>Cancelled | N | Non-Elected  | A | Appeal   |
|----|----------|---|--------------------------------|---|--------------|---|----------|
| 11 | Allowed  | + | Restricted                     | 1 | Interference | 0 | Objected |

| Claim             |  | Date              |                         |                 |          | ٦:::   | Ctaim Date |  |          |  |   |  |          |                         | CI               | aim      | Date     |                 |            |                     |          |          |          |          |          |          |          |          |
|-------------------|--|-------------------|-------------------------|-----------------|----------|--|------------|--|----------|--|---|--|----------|-------------------------|------------------|----------|----------|-----------------|------------|---------------------|----------|----------|----------|----------|----------|----------|----------|----------|
|                   |  | 6/1               |                         | $\Box$          | П        |  | 7          |  |          | П  | $\top$                                  | П                                      | ΠŤ       | $\top$                  | $\Box$           | П        |          |                 |            | П                   | I        |          | ΠÌ       |          |          |          | $\neg$   | $\neg$   |
| Final<br>Original | 5/2/05   | 18/               |                         |                 |          |  |            | Final  | Original |  |   |  |          |                         |                  |          |          | Final           | Original   |                     |          |          |          |          |          |          | ŀ        |          |
| 1                 | 117  | -                 | /b                      | $\vdash$        | H        | +  | -          |  | 51       | 4  | -                                       | _                                      | Н        | -                       | +                | Н        |          | <u> </u>        | 101        | Н                   | $\dashv$ |          | Н        | $\vdash$ |          |          | 4        | 4        |
| 2                 | 111  |                   | 7                       | 1-              | Н        | $\dashv$   | $\dashv$   |  | 52       | $\vdash$                                   |   | ╅                                      | ╁┼       | $\dashv$                | $\vdash$         | Н        |          |                 | 102        | $\vdash$            | $\dashv$ | -        | -        | Н        | Н        | $\dashv$ | +        | -        |
| 3                 | 111  |                   | 十                       | 1               | $\vdash$ | -  | -1         | <del>                                     </del> | 53       | 一  | - -                                     | ┼                                      | $\vdash$ | ╁                       | +-1              | Н        |          | <u> </u>        | 103        | Н                   | -        |          | $\vdash$ | Н        |          | $\dashv$ | +        | $\dashv$ |
| 4                 | 111  |                   | /                       | H               | Н        | $\dashv$   | -          | $\vdash$   | 54       | -  |   | +                                      | $\vdash$ | +                       | +1               | Н        |          | <u> </u>        | 104        | Н                   | $\dashv$ | $\dashv$ | Н        | Н        |          | $\dashv$ | -+       | $\dashv$ |
| 5                 | 111  |                   | 7                       | ╁┤              | $\vdash$ | -  | -          |  | 55       | -  | +                                       | +                                      | $\vdash$ | +                       | +                | Н        |          | -               | 105        | Н                   | $\dashv$ |          | Н        | Н        |          | -        | +        | -        |
| 6                 | 111  |                   | +                       | +-              | Н        | -  | -          | <b>-</b> -                                       | 56       | $\vdash$                                   | -                                       | ╁                                      | ┢        | +                       | ╁┤               | Н        |          |                 | 106        | -                   | -        |          | -        | -        |          | $\dashv$ | $\dashv$ | $\dashv$ |
| 7                 | VV   |                   | 7                       | 1-1             | Н        | 十  | -          |  | 57       | $\vdash$                                   | +                                       | +-                                     |          | +                       | +                | Н        |          |                 | 107        | Н                   | -        | $\dashv$ | Н        | Н        |          | $\dashv$ | $\dashv$ | -        |
| 8                 | 111  |                   | $^{\prime}$             |                 | H        | 十  | ۱          | -  | 58       | -  |   |  | $\vdash$ | +                       | Н                | Н        |          | <b> </b>        | 108        |                     |          |          | Н        | -        | Н        | $\dashv$ | $\dashv$ | -        |
| 9                 | 111  |                   | 1                       |                 | Н        | _  | 7          |  | 59       | 1  | _                                       | 1                                      | $\vdash$ | 十                       | +                | Н        |          |                 | 109        | Н                   |          |          |          | Н        |          | $\dashv$ | 7        | -        |
| 10                | 111  |                   | 十                       | П               | П        |  | 7111       |  | 60       | $\vdash$                                   | $\top$                                  | 1                                      |          | +                       | 1-1              | Н        |          | $\vdash$        | 110        | Н                   | _        | $\neg$   | H        |          |          | $\dashv$ | _        | _        |
| 11                | 1717   | 171               | 7                       | $\Box$          | $\Box$   | _  | ٦          |  | 61       |  |   | 1                                      | $\vdash$ | 1                       | 11               | Н        |          |                 | 111        | Н                   | $\dashv$ |          | М        |          | $\neg$   | 7        | 十        | _        |
| 12                | 111  | +                 | 7                       | П               | П        | $\dashv$   | 7          |  | 62       | $\Box$                                     | $\neg \vdash$                           | П                                      | 一十       | +                       | +                | Н        |          |                 | 112        | Н                   | 1        | $\neg$   | Н        | Н        | $\vdash$ | 1        | $\dashv$ | $\neg$   |
| 13                | 111  | VV                | _                       |                 | $\Box$   | $\neg \vdash$  | 7          |  | 63       | 1  | _                                       | Τ                                      | $\sqcap$ | +                       | $\sqcap$         | П        |          |                 | 113        | Н                   | $\dashv$ | _        | H        | $\vdash$ | $\dashv$ | 7        | $\dashv$ | $\neg$   |
| 14                | 111  | √.                | 7                       | П               | $\Box$   |  |            |  | 64       |  |   | T                                      | $\Box$   | 十                       | П                |          |          |                 | 114        | Н                   |          | $\neg$   | П        | П        |          | 寸        | 十        | $\dashv$ |
| 15                | 11   | 7                 | $oldsymbol{\mathbb{T}}$ |                 |          |  | 7          |  | 65       |  | $\neg$                                  |  |          |                         | $\sqcap$         | $\Box$   |          |                 | 115        | П                   | 一        |          | М        | Н        | $\neg$   | ┪        | 十        | $\dashv$ |
| 16                | 11   | 1 0               |                         |                 |          |  |            |  | 66       | ╛  |   |  |          |                         | $\Box$           |          |          |                 | 116        |                     |          | $\neg$   |          |          |          | 寸        | 1        | ┑        |
| 17                | 11   |                   | 7                       | П               |          |  |            |  | 67       |  | $\top$                                  |  |          | T                       | $\Box$           | $\neg$   |          |                 | 117        |                     | $\neg$   |          |          |          |          |          | $\top$   | ╛        |
| 18                | 11   |                   | /                       |                 |          | $\Box$   |            |  | 68       |  | $\perp$                                 |  |          | $oldsymbol{\mathbb{T}}$ |                  |          |          |                 | 118        |                     | 寸        |          |          |          | ヿ        | 寸        | 寸        | ヿ        |
| 19                | 1 1  |                   | 7                       |                 |          |  |            |  | 69       |  |   |  |          |                         | П                |          |          |                 | 119        |                     | ヿ        |          |          |          |          | 寸        | $\top$   | ٦        |
| 20                | 1 1  | 1 .               | 4_                      |                 |          |  |            |  | 70       |  |   |  |          |                         | $\Box$           |          |          |                 | 120        |                     | $\Box$   |          |          |          |          |          | ヿ        | ╗        |
| 21                |  |                   | $\perp$                 |                 |          |  |            |  | 71       |  |   |  |          |                         |                  |          |          |                 | 121        |                     | П        |          |          |          |          |          | $\top$   | ٦        |
| 22                | $\perp \perp$                                    | $\Box$            |                         | Ш               |          |  |            |  | 72       |  |   |  |          |                         |                  |          |          |                 | 122        |                     | $\Box$   |          |          |          |          |          | Т        | ٦        |
| 23                | oxdot  | $\sqcup$          | 1_                      | Ш               | $\dashv$ |  | _          |  | 73       |  |   |  |          |                         |                  |          |          |                 | 123        |                     |          |          |          |          |          |          | $\Box$   |          |
| 24                | $\vdash$   |                   | ↓_                      | Ш               | $\dashv$ |  | _          |  | 74       |  | 1                                       | $\perp$                                |          |                         |                  |          |          |                 | 124        |                     |          |          |          |          |          | $\Box$   | $\Box$   |          |
| 25                | $oldsymbol{oldsymbol{\sqcup}}$                   | $\sqcup$          |                         | Ш               | $\Box$   |  | _          |  | 75       | $\perp$                                    |   |  | $\perp$  |                         |                  |          |          |                 | 125        |                     |          |          |          |          |          | $\Box$   | $\Box$   |          |
| 26                | $\vdash \vdash$                                  |                   | ┷                       | Ш               | _        |  | 4          | $\square$  | 76       |  |   | $\sqcup$                               | _        | <u> </u>                | Ш                | _        |          |                 | 126        |                     |          |          |          |          |          |          | $\Box$   |          |
| 27                | ╀  | $\vdash$          | ┸                       | Ш               | 4        | 4  | _          | $\square$  | 77       | _  | Д.                                      | $\bot$                                 |          | 4                       | $\sqcup$         | _        |          |                 | 127        |                     |          | $\Box$   | $\Box$   |          | _        |          | $\perp$  |          |
| 28                | +-   | $\vdash$          | ┷                       | Ш               | $\dashv$ | -  | 4          | ш  | 78       | _  | _                                       | ┦╌┤                                    |          | _                       | $\sqcup$         | _        |          |                 | 128        | $\Box$              |          | _        |          |          | _        | $\perp$  | ┙        | _        |
| 29                | ₩  | $\vdash$          | +                       | ⊢               | _        | -  | 4          | Ш  | 79       | _  | $\bot$                                  |  | _        | 4                       | Ш                | _        |          |                 | 129        | Ц                   | _        | _        | Ц        | _        | _        | _        | ┵        | ┙        |
| 30                |  | $\vdash$          | +-                      | ╌               | -        | 4  | 4          | $\vdash$   | 80       | -  | -                                       | <del>-</del>                           | _        | —                       | $\vdash$         | _        |          |                 | 130        |                     | 4        | 4        |          | Ц        | _        | $\dashv$ | <b>ユ</b> | _        |
| 31                |  | ┝╌┼╴              | +-                      | ⊢⊦              | $\dashv$ | +  | -          |  | 81       | +  | +                                       | $\vdash$                               | 4        |                         | $\sqcup$         | _        |          |                 | 131        | $\sqcup \downarrow$ | 4        | 4        | Щ        | _        |          | 4        | 4        | _        |
| 32<br>33          |  | -                 | +-                      | ┥               | -+       | +  | -          | ⊢⊢   | 82       | +  | +                                       |  | +        | +                       | ╁╌┤              | _        |          |                 | 132        | $\dashv$            | 4        | 4        | _        | _        | -        | 4        | 4        | _        |
| 33                | <del>                                     </del> | $\vdash$          | +                       | $\vdash \vdash$ | +        | +  | -          | ├─┤  | 83<br>84 | +  | +                                       | $\vdash$                               | +        |                         | ₽                |          |          |                 | 133        |                     | $\dashv$ | 4        | _        | _        | 4        | -        | +        | 4        |
| 35                | $\vdash$   | $\vdash$          | ╁                       | $\vdash$        | $\dashv$ | +  | -          | <del>                                     </del> | 85       | +  | +                                       | ↤                                      | $\dashv$ | -                       | $\vdash$         |          |          | $\vdash$        | 134<br>135 |                     | $\dashv$ |          |          | 4        |          | -+       | +        | 4        |
| 36                |  | -                 | +-                      | $\vdash$        | ╅        | ┿  | -          | ├─┤  | 86       | +  |   | $\vdash$                               | +        | +-                      | ╁                | $\dashv$ |          |                 |            | $\dashv$            | $\dashv$ | -        | -        | -        |          | $\dashv$ | +        | $\dashv$ |
| 37                | $\vdash\vdash$                                   | $\vdash$          | +                       | $\vdash$        | -        | +  | -          | ┝─┤  | 87       | $\dashv$                                   | +                                       | ╂┤                                     | +        |                         | $\vdash$         | $\dashv$ |          |                 | 136<br>137 | $\dashv$            | -+       | +        |          | $\dashv$ | -+       | -        | +        | $\dashv$ |
| 38                |  | ┝┼                | ╁                       | $\vdash$        | $\dashv$ | . +  | -          | $\vdash$   | 88       | +  | +                                       | ╀┤                                     | -+       | +                       | ╁╌╁              |          | ⊪        |                 | 138        | $\dashv$            | -+       | +        | -        | -        | -        | +        | +        | ᅱ        |
| 39                |  | $\vdash$          | +                       | $\vdash$        | $\dashv$ | ╁  | -          | $\vdash$   | 89       | -+-  | +                                       | ╁                                      |          | ╁                       | ╁                | -        | •        |                 | 139        | -                   | +        | ┪        | ┪        | $\dashv$ | ┪        | -        | +        | ᅱ        |
| 40                | $\vdash$   | $\vdash$          | +                       | $\vdash$        | -+       | +  | ⊣::::      | $\vdash$   | 90       | $\dashv$                                   | +-                                      | $\vdash$                               | +        | +                       | $\vdash$         | $\dashv$ | ⊪        |                 | 140        | +                   | +        | +        | ┪        | +        | $\dashv$ | +        | +        | $\dashv$ |
| 41                | $\vdash$   | $\vdash$          | $\top$                  |                 | $\dashv$ | $\dashv$   | 7          | $\vdash$   | 91       | +  | +                                       | $\vdash$                               | $\dashv$ | +                       | $\vdash$         | -        | <b></b>  |                 | 141        | $\dashv$            | +        | ┪        | -        | $\dashv$ | -+       | ┰        | +        | $\dashv$ |
| 42                | $\Box$   | $\vdash$ $\vdash$ | T                       | $\vdash$        | 十        | +  | 1          |  | 92       | +  | $\top$                                  | Н                                      | $\top$   | ╅┈                      | +                | $\dashv$ | iiil     |                 | 142        | +                   | $\dashv$ | +        | +        | -+       | +        | 十        | +        | ᅱ        |
| 43                |  | $\Box$            | +                       |                 | 十        | $\top$   | ۱          |  | 93       | _  | $\top$                                  | H                                      | 十        | $\top$                  | Н                | $\dashv$ | ı        |                 | 143        | 寸                   | $\dashv$ | ┪        | ┪        | -        | +        | +        | +        | ┥        |
| 44                | $\Box\Box$                                       | $\vdash$          |                         | П               | $\neg$   | $\dashv$   |            |  | 94       | 十  | 1                                       | $\Box$                                 | 十        | $\top$                  | 11               | -        | 1        |                 | 144        | $\dashv$            | +        | +        | -        | $\dashv$ | ┪        | +        | +        | ᅱ        |
| 45                |  |                   |                         |                 |          | 十  | 1          |  | 95       | _  | $\top$                                  | П                                      | 十        | 1                       | П                | -        | l        |                 | 145        | 7                   | $\dashv$ | 7        | _        | 7        | 7        | $\dashv$ | 十        | ᅥ        |
| 46                |  |                   | Γ                       |                 |          | $\Box$   | 7          |  | 96       | _  | 丁                                       | П                                      | $\neg$   | 1                       | $\sqcap$         | 7        | <b>#</b> | $\neg \uparrow$ | 146        | $\dashv$            | $\dashv$ | 寸        | $\dashv$ | _†       | 7        | $\dashv$ | 十        | ヿ        |
| 47                |  |                   |                         |                 |          | ⋾  |            |  | 97       | _  |   | П                                      | $\neg$   | 1                       | $\sqcap$         | 7        | <u> </u> | $\dashv$        | 147        | 寸                   | 十        | 7        | 寸        | _†       | 7        | $\top$   | 十        | ᅱ        |
| 48                |  |                   | $\prod$                 |                 |          |  | ]          |  | 98       |  | $\perp$                                 |  |          |                         |                  | 1        | ::::     |                 | 148        | 寸                   | 丁        | 7        | $\Box$   |          | 7        | $\dashv$ | 十        | ヿ        |
| 49                |  |                   |                         |                 |          | $oldsymbol{ol}}}}}}}}}}}}}}}}$ |            |  | 99       | Ι  | $oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |  |          |                         |                  |          | iiil'    |                 | 149        |                     |          | _        |          | _        | $\dashv$ | $\dashv$ | 十        | ヿ        |
| 50                |  |                   |                         |                 | $\Box$   |  |            |  | 100      | $oldsymbol{oldsymbol{oldsymbol{\square}}}$ | $\mathbf{I}^{-}$                        |  | $\Box$   | $\top$                  | $\Box^{\dagger}$ |          | t        |                 | 150        |                     |          | ╛        | 丁        | _†       | 丁        | 十        | +        | $\dashv$ |
|                   |  |                   | _                       |                 |          |  | ا… ر       |  |          |  |   | ــــــــــــــــــــــــــــــــــــــ |          |                         |                  | ٠.       |          |                 |            |                     |          |          | _        |          |          |          | _        | -        |